

## (1) Recap of SPC Task Group #3 Recommendations

### SPC TG#3 Recommendations (1)

- Boundary requirement: Mission CaC should cover operations funding for primary science goals.
- Programme level provision to be made for one extension
- Extensions to be competitive and assessed every 2 years
- Extensions normally granted for up to 4 years
  - with a review every 2 years.
- Prime criterion for decision to be the value of the science added by extending the mission.
- First review foreseen for Autumn 2008 to cover extensions in the period 2009-2012.

## SPC TG#3 Recommendations (2)

- Criteria for mission extensions should be defined by SSAC and made public. The following have to be addressed:
  - science impact of mission to date
  - science potential of extension
  - uniqueness and complementarity of mission
- Extension proposal in common format
- SSAC to have the control over science review including possibility to call upon external reviews and to iterate with the projects
- The working groups evaluate and rank proposals in their area. They provide a commented ranked list to SSAC.
- The financial envelope available for operations and extensions should not exceed, averaged over a LoR period, 20% of the annual budget.
- In general, extensions should be cheaper than nominal operations

## (2) Planning for Mission Extensions

# Missions for Extension (1)

- Missions to be considered
  - Need to decide on all missions ending by 31 Dec 2010
  - Need to consider (forward planning) missions ending by 31 Dec 2012
  - Nominal extension to be granted is to 31 Dec 2012
    - with review in autumn 2010.
- Missions ending by 31 Dec 2010:
  - 2009: MEX, VEX, Cluster, Cassini/Huygens, SOHO,
  - 2010: Planck, HST
- Missions ending by 31 Dec 2012:
  - 2011: LPF
  - 2012: Herschel, Newton, INTEGRAL

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# Missions for Extension (2)

- Must prepare extension requests for decision:
  - Astronomy:
    - HST (extension duration of 2 yrs)
    - Planck (1 yr) - will be a conditional decision
  - Solar System:
    - SOHO (3 yrs)
    - Cluster (3.5 yrs)
    - MEX (3.5 yrs)
    - VEX (3.5 yrs)
- Prepare extension requests for information/planning
  - (in same format as for decisions)
  - Astronomy:
    - Newton & INTEGRAL - mid-term review (previously planned for late 2009)
- Do not prepare extension requests for:
  - Hinode, Akari
  - LPF, Herschel: Necessary planning information will be provided separately
  - Cassini/Huygens: Further internal discussions needed.

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# Schedule

- 15 Jul: Selection criteria public from SSAC
- <15 Aug: Guidelines from SSAC to WGs
- Jul- early Sept: MMs & PSs prepare 'proposals'
- 8 Sep: Proposals to D/SRE to approve release
- 15 Sep: Extension proposals to SSAC/WGs
- 15 Sep-Mid-Oct: Evaluation by WGs (and, possibly, external referees)
- 14-15 Oct: AWG (inc. presentations by PS/MM)
- 16-17 Oct: SSWG (inc. presentations by PS/MM)
- 28-29 Oct: SSAC (possibly inc. presentations by ESA staff)
- 18-19 Nov: SPC

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## Template for Proposal Request

- Overall responsibility for preparation delegated to Mission Manager
- Contents (maximum 6 pages, **excluding** annexes):
  - Intro and duration of requested extension (Project Scientist and MM)
  - Science Case for Extension (PS)
    - Introduction
    - Impact of mission to date
      - including relevant metrics: completion status of nominal mission, publications, citations, over-subscription factors, usage of archives, ...
    - Expected science in extension
    - Issues of complementarities and uniqueness
      - including cooperations with (and support to) other missions (with MM)
    - Recommendations from SWTs/User Groups etc
  - State of health of spacecraft, instruments and ground segment including prognosis for extension period and beyond (MM with D/OPS inputs)
  - Changes to Ops/SciOps concept/management (MM with D/OPS inputs)
  - Status & prognosis national funding (MM)
  - (Outline) financial request (MM & SCI-M, with D/OPS inputs)
  - Conclusion (MM)
  - Annexes (MM & PS) : Containing any additional information. Will be sent to AWG/SSWG but not to SSAC/SPC.

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# SSAC Activities

- SSAC to agree on:
  - Selection Criteria, by 15 July
    - Need to be public by ~ 15 July so that 'proposals' can be prepared
  - Guidelines to WGs, earlier than 15 August.
    - WGs need time to plan for external referees, rapporteurs, etc

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## Final SPC Paper

- To go to November 2008 SPC
  - Cover paper (by Exec) plus annexes
- Cover paper contains:
  - Proposal re which missions to extend for how long
  - Cost, broken down into major elements: MOC, SOC, manpower, facility usage and any additional post-ops/archiving costs.
- Annexes:
  - SSAC recommendation (incl. commented ranked list)
  - AWG & SSWG recommendations (incl. commented ranked list)
  - Extension Proposal per mission (as sent to WGs in September)

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